

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE


In the Application Of: Robert McMillen) Examiner: Hong, John C.
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Application No.: 10/008,896) Group Art Unit: 3726
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)
Filing Date: 12/07/2001) Attorney Docket No.:
) 41575/29964(118)
Title: Apparatus and Method For Telescoping)
Actuator)

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT


This Supplemental Information Disclosure Statement is being filed pursuant to 37 CFR 1.97(e)(1). Each item of information contained in the information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application prior to the filing of the information disclosure statement. Attached hereto is Form PTO-1449, and a copy of the International Search Report dated April 15, 2003. Applicant hereby authorizes the charge of \$180.00 for filing an information disclosure statement pursuant to the section cited above; as well as any additional charges to be charged to the Deposit Account No. 08-3460. A duplicate copy of this sheet is enclosed.


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Signature

Eileen Curran
Printed name

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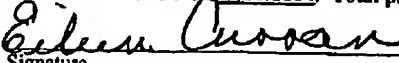
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INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

| | | |
|--|---|---|
| Applicant's or agent's file reference 41575/120 | FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below. | |
| International application No. PCT/US 02/39076 | International filing date (day/month/year) 06/12/2002 | (Earliest) Priority Date (day/month/year) 07/12/2001 |
| Applicant L & P PROPERTY MANAGEMENT COMPANY | | |

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ Certain claims were found unsearchable (See Box I).

3. ☐ Unity of invention is lacking (see Box II).

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this International search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No.

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

1
☐ None of the figures.

Form PCT/ISA/210 (first sheet) (July 1998)

INTERNATIONAL SEARCH REPORT

PCT/US 02/ 39076

Box III TEXT OF THE ABSTRACT (Continuation of item 5 of the first sheet)

A travel multiplying actuator having a housing (10) and having a traveling member (120,320,420), the actuator having a traction cable wire mount on one of the housing or the traveling member and the actuator having a traction cable sleeve mount on the other of the housing or the traveling member, the actuator also having an impeller, the impeller being a lever or handwheel or motor, and the impeller being operatively engaged with the actuator such that when the impeller moves the traveling member a first distance, the traction cable wire mount and the traction cable sleeve mount move a second distance toward and a second distance away from one another, characterized in that, the actuator has a travel multiplier (30), being a telescoping traveler segment (130,330,430) or a pulley (320), engaged to the traveling member such that the second distance is greater than the first distance.

Form PCT/ISA/210 (continuation of first sheet (2)) (July 1998)

| | | |
|---|--|--|
| A. CLASSIFICATION OF SUBJECT MATTER IPC 7 F16C1/12 F16H25/20 | | |
| According to International Patent Classification (IPC) or to both national classification and IPC | | |
| B. FIELDS SEARCHED | | |
| Minimum documentation searched (classification system followed by classification symbols) IPC 7 F16C F16H B60N | | |
| Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched | | |
| Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal | | |
| C. DOCUMENTS CONSIDERED TO BE RELEVANT | | |
| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| A | WO 96 02166 A (DARBYSHIRE PAUL ; HENDERSONS IND PTY LTD (AU)) 1 February 1996 (1996-02-01) the whole document | 1 |
| A | US 5 638 722 A (KLINGLER KNUD) 17 June 1997 (1997-06-17) the whole document | 1 |
| A | US 6 053 064 A (GOWING JOHN P ET AL) 25 April 2000 (2000-04-25) the whole document | 1 |
| P, A | WO 02 097288 A (SCHUKRA GERAETEBAU AG ; STADLBAUER ALFRED (AT); SCHUSTER WILHELM (A)) 5 December 2002 (2002-12-05) page 16, line 31 - page 17, line 8; figure 12 | 1 |
| <input type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex. | | |
| * Special categories of cited documents : *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *Z* document member of the same patent family | | |
| Date of the actual completion of the international search 9 April 2003 | | Date of mailing of the international search report 15/04/2003 |
| Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax (+31-70) 340-3016 | | Authorized officer Van Prooijen, T |

Form PCT/ISA/210 (second sheet) (July 1992)

| Patent document cited in search report | | Publication date | Patent family member(s) | Publication date |
|---|---|---------------------|----------------------------|---------------------|
| WO 9602166 | A | 01-02-1996 | AU 682617 B2 | 09-10-1997 |
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| WO 02097288 | A | 05-12-2002 | AT 8392001 A | 15-12-2002 |
| | | | WO 02097288 A1 | 05-12-2002 |

Form PCT/ISA/210 (patent family annex) (July 1992)

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

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Complete if Known

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|--------------------|------------|
| Application Number | 10/008.896 |
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| Filing Date | 12/07/2001 |
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| First Named Inventor | Robert McMillen |
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| Art Unit | 3726 |
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| Examiner Name | Hong, John C. |
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| Attorney Docket Number | 41575/29964(118) |
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U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ² |
|--------------------|-----------------------|---|--------------------------------|---|---|----------------|
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | | |
| | BA | WO 96 02166 A | 02/01/1996 | | | |
| | BB | WO 02 097288 A | 12/05/2002 | | | |
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Date _____

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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